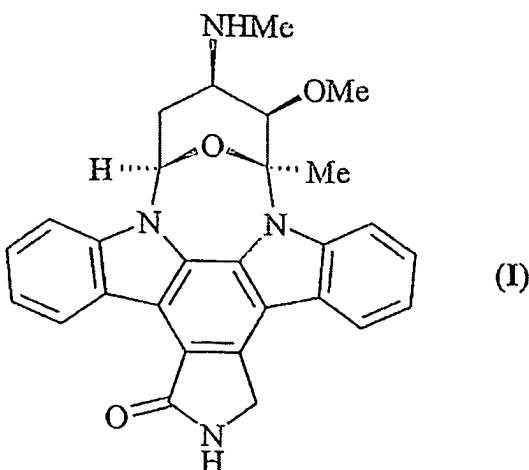This Listing Of Claims will replace all prior versions, and listings, of claims in this application:

<u>Listing Of Claims:</u>

Claim 1 (Currently Amended): A process for the recovery of staurosporine of formula:

NHMe

OMe

H·····

O

····Me

N

N

(I)

O

N

H

from a fermentation broth comprising the steps of:

i) adding <u>tetrahydrofuran</u> ~~a water-miscible organic solvent A~~ to the fermentation broth;

ii) ultrafiltering the dilute fermentation broth obtained in step i);

iii) optionally diafiltrating the retenate obtained in step ii) with a mixture of a water and ~~a water-miscible organic solvent B~~ <u>tetrahydrofuran</u>, and optionally combining the permeates of the ultrafiltration and the diafiltration;

iv) optionally adjusting the pH of the permeate obtained in step ii) or step iii) to at least 8.5;

v) concentrating the permeate;

vi) adjusting the pH of the concentrate obtained in step v) to at least pH 8.5, unless the pH of said concentrate is already at least 8.5; and

vii) collecting the precipitated staurosporine obtained in step vi).

Claim 2 (Cancelled).

Claim 3 (Cancelled).

Claim 4 (Cancelled).

Claim 5 (Currently Amended): The process of claim __1,__ [[4]] wherein the ratio of fermentation __broth/tetrahydrofuran__ ~~broth/water-miscible solvent A~~ is between 5:1 and 0.5:1 (w/w).

Claim 6 (Currently Amended): The process of claim 5 wherein the ratio of ~~water/water-miascible organic solvent B~~ __water/tetrahydrofuran__ of the mixture of water and __tetrahydrofuran__ ~~water-miscible organic solvent B~~ is between 5:1 and 0.5:1 (w/w).

Claim 7 (Previously Presented): The process of claim 6 wherein the pH of the permeates obtained in steps ii) and iii) is adjusted to at least 8.5.

Claim 8 (Previously Presented): The process of claim 7 wherein the pH of the concentrate is adjusted to at least 10.0.

Claim 9 (Previously Presented): The process of claim 8 wherein precipitated staurosporine (I) is collected by centrifugation.

Claim 10 (Currently Amended): The process of claim 9 wherein staurosporine (I) obtained in step vii) is recrystallized from a __tetrahydrofuran/methanol mixture__ ~~suitable solvent system~~.

Claim 11 (Cancelled).

Claim 12 (Currently Amended): The process of claim 1 wherein the ratio of fermentation in __broth/tetrahydrofuran__ ~~broth/water-miscible solvent A~~ is between 5:1 and 0.5:1 (w/w).

Claim 13 (Currently Amended): The process of claim 1 wherein the ratio of ~~water/water-miscible organic solvent B~~ __water/tetrahydrofuran__ the mixture of water and __tetrahydrofuran__ ~~water-miscible organic solvent B~~ is between 5:1 and 0.5:1 (w/w).

Claim 14 (Previously Presented): The process of claim 1 wherein the pH of the permeates obtained in steps ii) and iii) is adjusted to at least 8.5.
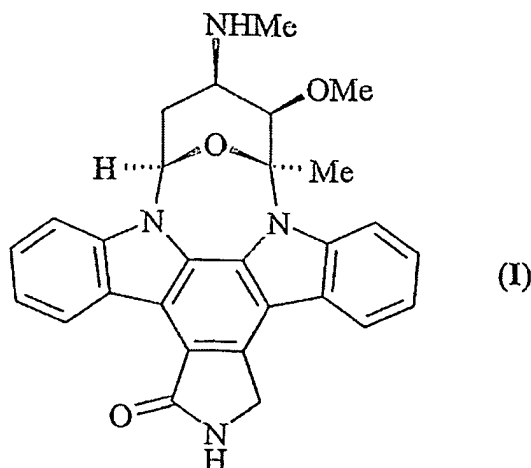
Claim 15 (Previously Presented): The process of claim 1 wherein the pH of the concentrate is adjusted to at least 10.0.

Claim 16 (Previously Presented): The process of claim 1 wherein precipitated staurosporine (I) is collected by centrifugation.

Claim 17 (Currently Amended): The process of claim 1 wherein staurosporine (I) obtained in step vii) is recrystallized from a <u>tetrahydrofuran/methanol mixture</u> ~~suitable solvent mixture~~.
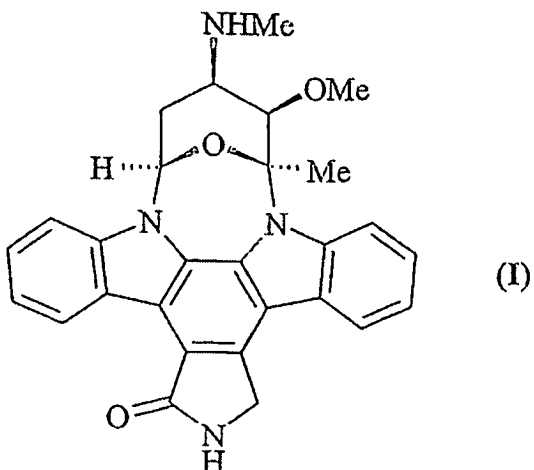
Claim 18 (Cancelled).

Claim 19 (Currently Amended): A process for the recovery of staurosporine of formula:

(I)

from a fermentation broth comprising the steps of:

i) adding <u>tetrahydrofuran</u> ~~a water-miscible organic solvent A~~ to the fermentation broth;

ii) ultrafiltering the dilute fermentation broth obtained in step i);

iii) concentrating the permeate obtained in step ii);

iv) adjusting the pH of the concentrate obtained in step iii) to at least pH 8.5, unless the pH of said concentrate is already at least 8.5; and

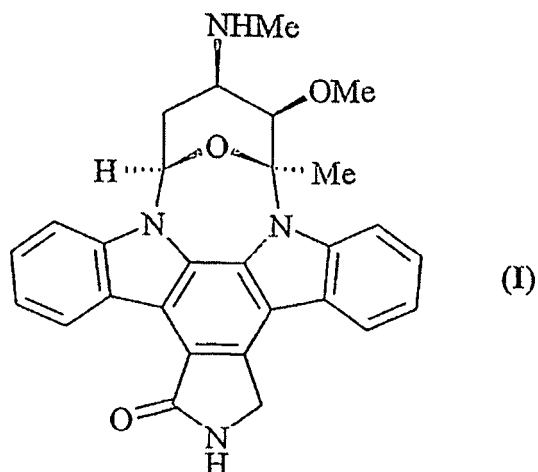v) collecting the precipitated staurosporine obtained in step iv).

4

Claim 20 (Currently Amended): A process for the recovery of staurosporine of formula:

(I)

from a fermentation broth comprising the steps of:

i) adding tetrahydrofuran a water-miscible organic solvent A to the fermentation broth;

ii) ultrafiltering the dilute fermentation broth obtained in step i);

iii) adjusting the pH of the permeate obtained in step ii) to at least 8.5;

iv) concentrating the permeate from step iii);

v) adjusting the pH of the concentrate obtained in step iv) to at least pH 8.5, unless the pH of said concentrate is already at least 8.5; and

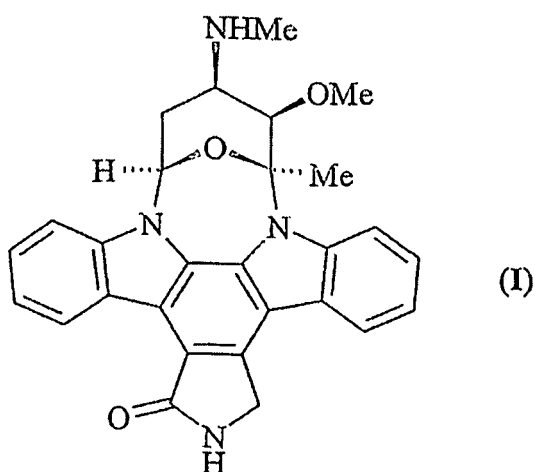vi) collecting the precipitated staurosporine obtained in step v).

Claim 21 (Currently Amended): A process for the recovery of staurosporine of formula:

(I)

from a fermentation broth comprising the steps of:

i) adding <u>tetrahydrofuran</u> a water-miscible organic solvent A to the fermentation broth;

ii) ultrafiltering the dilute fermentation broth obtained in step i);

iii) diafiltrating the retenate obtained in step ii) with a mixture of a water and <u>tetrahydrofuran</u> a water-miscible organic solvent B;

iv) adjusting the pH of the permeate obtained in step iii) to at least 8.5;

v) concentrating the permeate from step iv);

vi) adjusting the pH of the concentrate obtained in step v) to at least pH 8.5, unless the pH of said concentrate is already at least 8.5; and

vii) collecting the precipitated staurosporine obtained in step vi).

Claim 22 (Currently Amended): A process for the recovery of staurosporine of formula:

(I)

from a fermentation broth comprising the steps of:

i) adding tetrahydrofuran ~~a water-miscible organic solvent A~~ to the fermentation broth;

ii) ultrafiltering the dilute fermentation broth obtained in step i);

iii) diafiltrating the retenate obtained in step ii) with a mixture of a water and tetrahydrofuran ~~a water-miscible organic solvent B~~;

iv) combining the permeates of the ultrafiltration and the diafiltration;

v) adjusting the pH of the permeate obtained in step iv) to at least 8.5;

vi) concentrating the permeate from step v);

vii) adjusting the pH of the concentrate obtained in step vi) to at least pH 8.5, unless the pH of said concentrate is already at least 8.5; and

viii) collecting the precipitated staurosporine obtained in step vii).